

April 5, 1982

Richard F. Hadley
Water Resources Division, MS 420
U. S. Geological Survey
Denver Federal Center
Lakewood, Colorado 80225

Dear Dick:

The Anaconda Minerals Company (Anaconda) submitted their "Revised Reclamation Plan, Jackpile-Paguate Uranium Mine" on March 16, 1982, to the Minerals Management Service (MMS, formerly Conservation Division, USGS), Albuquerque, New Mexico. The revised plan contains significant differences in reclamation technique and philosophy when compared to the original plan. The MMS is presently evaluating the plan and is developing reclamation alternatives to be included in an environmental impact statement (EIS).

Due in part to EIS Task Force suggestions, Anaconda has addressed erosion control at the mine site in considerably more detail than in the original reclamation plan. Specifically, Anaconda has proposed techniques for the control of arroyo headcut movement in the vicinity of waste dumps and drainage of water from waste dump slopes. The EIS Task Force needs and is requesting an analytical review of the abilities of these two proposed reclamation techniques to mitigate erosion-related problems at the mine site. Upon completion of this review, if you have any recommendations for alternatives to the proposed techniques, we would be interested in hearing about them.

Anaconda's graphic designs for the erosion-control techniques are attached. The text description of the proposed drainage structures for waste dump slopes is also attached; the "armoring design" for headcuts is not described in textual form.

If you have any questions regarding the attachments or if you need more information, please call me at FTS 474-1630. Thank you for your help.

Sincerely yours,

/s/ Gregory W. Smith

Greg Smith
Geologist

Enclosures

cc:

Anaconda Comp. MP
EIS Task Force Leader
Chrono GSmith:cid 4/6/82

6-10-82 Xerox copy sent
to Mr. Hadley

April 5, 1982

Mr. Kit Fuller
Technical Reports Unit, MS 902
U. S. Geological Survey
Box 25046
Denver Federal Center
Lakewood, Colorado 80225

Dear Kit:

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